

**We Claim:**

1. A radiographic device comprising:

a platform defining a lateral direction and a longitudinal direction;

a mounting assembly having a first end pivotably coupled to the platform and

5 a second end, wherein the second end is movable in the lateral and longitudinal directions;

a yoke including a first bracket having a cross support coupled to the mounting assembly second end for pivoting about a Y axis extending parallel to the longitudinal direction and spaced first and second arms coupled to the cross support; and

10 a radiographic head pivotably coupled to the first and second arms of the first bracket at points along an X axis extending parallel to the lateral direction, wherein the radiographic head is pivotable about the X axis.

15 2. The radiographic device of claim 1, in which the radiographic head defines a center of gravity and the X axis passes through the radiographic head center of gravity.

20 3. The radiographic device of claim 2, in which the yoke includes a stub shaft attached to a midpoint of the first bracket cross support for coupling to the mounting assembly second end, and in which the stub shaft lies along a Y axis that passes through the radiographic head center of gravity and extends perpendicular to the X axis.

25 4. The radiographic device of claim 1 in which the radiographic head includes a second bracket removably attached thereto having first and second inner arms extending at least partially across opposite lateral sides of the radiographic head, wherein the first and second inner arms are pivotably coupled to the first and second arms of the first bracket.

5. The radiographic device of claim 4, in which the radiographic head includes a back plate, and in which the second bracket is attached to the back plate with a fastener.

5 6. The radiographic device of claim 1, in which the radiographic head is pivotably connected to the first bracket with first and second pins.

7. The radiographic device of claim 1, in which the first and second pins are threaded to receive tightening knobs.

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8. A radiographic device for use in podiatry comprising:

a foot platform defining a lateral direction and a longitudinal direction;

a mounting assembly including first and second vertical mounting members having lower ends pivotably coupled to a mounting apparatus and upper ends attached to a U-shaped mounting plate, and a hollow horizontal mounting member attached to the U-shaped mounting plate, wherein the horizontal mounting member is movable in the lateral and longitudinal directions;

15 a yoke including an outer bracket having a stub shaft sized for insertion into the horizontal mounting member and rotatable within the horizontal mounting member about a Y axis extending parallel to the longitudinal direction, a cross support attached to the stub shaft, and spaced first and second outer arms attached to the cross support;

20 a radiographic head including a back plate and an inner bracket having a cross member attached to the back plate and first and second inner arms extending at least partially across opposite lateral sides of the radiographic head; and

25 first and second pins rotatably coupling the first and second inner arms to the first and second outer arms, respectively, at points along an X axis extending parallel to the lateral direction, wherein the radiographic head is pivotable about the X axis.

9. The radiographic device of claim 7, in which the radiographic head defines a center of gravity, and in which both the X and Y axes pass through the radiographic head center of gravity.